Offination Disclosure Statement (IDS) Filed

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) Application Number 10527921 Filing Date 2005-09-30 First Named Inventor Gunter Ziegler Art Unit 2876 Examiner Name ELLIS, Suezu Y. Attorney Docket Number RSW85612US

			Remove			
Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
/C.A./	1	2040806		1936-05-12	FELGI, Fritz	
	2	2521713		1950-09-12	GOETZ, A.	
	3	2785153		1957-03-12	LOCKE et al.	
ONE CONTRACTOR OF THE CONTRACT	4	3590486		1971-07-06	BRENNER et al.	
200000000000000000000000000000000000000	5	3864139		1975-02-04	HELLER, Ferdinand P.	
OCCUPATIONS	6	4027393		1977-06-07	ELLIS et al.	
000000000000000000000000000000000000000	7	4113660		1978-09-12	ABE et al.	
/C.A./	8	4206516		1980-06-10	PILLIAR, Robert M.	

Application Number		10527921		
Filing Date		2005-09-30		
First Named Inventor Gunte		er Ziegler		
Art Unit		2876		
Examiner Name ELLIS		S, Suezu Y.		
Attorney Docket Number		RSW85612US		

9	4252525	1981-02-24	CHILD, Frank W.	
10	4263681	1981-04-28	NOTTON, John H.	
11	4291125	1981-09-22	GREATBATCH, Wilson	
12	4476590	1984-10-16	SCALES, et al.	
13	4570271	1986-02-18	SUMP, Kenneth R.	
14	4592920	1986-06-03	MURTFELDT, Robert L.	
15	4615705	1986-10-07	SCALES et al.	
16	4731198	1988-03-15	WATANABE, et al.	
17	4790851	1988-12-13	SUIRE, et al.	
18	4834756	1989-05-30	KENNA, Robert V.	
19	4871366	1989-10-03	VON RECUM, et al.	

Application Number		10527921		
Filing Date		2005-09-30		
First Named Inventor Gunte		er Ziegler		
Art Unit		2876		
Examiner Name ELLIS		S, Suezu Y.		
Attorney Docket Numb	er	RSW85612US		

	23	5169597		1992-12-08	DAVIDSON, et al.	
	24	5219363		1993-06-15	CROWNINSHIELD, et al.	
	25	5378268		1995-01-03	WOLF, et al.	
	26	5480438		1996-01-02	ARIMA, et al.	
	27	5486225		1996-01-23	DYE, et al.	
If you wis	h to ac	dd additional U.S. Paten			ease click the Add button.	Add Remove
			U.S.P	AIENI APPLIO	CATION PUBLICATIONS	nemove
Examiner Initial*	Cite No	Publication Number	Kind Code <sup>1</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	20010036530		2001-11-01	NODA, et al.	

Application Number		10527921		
Filing Date		2005-09-30		
First Named Inventor Gunte		er Ziegler		
Art Unit		2876		
Examiner Name ELLIS		S, Suezu Y.		
Attorney Docket Number		RSW85612US		

2	20010053937	2001-12-20	JOHNSON, et al.	
3	20020099449	2002-07-25	SPEITLING, Andreas Werner	
4	20020169066	2002-11-14	CASSIDY, et al.	
5	20030167878	2003-09-11	AL-SALIM, et al.	
6	20030175321	2003-09-18	SAPIESZKO, et al.	
7	20030180344	2003-09-25	WISE, et al.	
8	20040043153	2004-03-04	OKUHAMA, et al.	
9	20040111159	2004-06-10	POPE, et al.	
10	20040121451	2004-06-24	MORITZ, et al.	
11	20040132603	2004-07-08	NARHI, et al.	
12	20050014151	2005-01-20	TEXTOR, et al.	

Application Number		10527921		
Filing Date		2005-09-30		
First Named Inventor	Gunte	er Ziegler		
Art Unit		2876		
Examiner Name ELLIS		S, Suezu Y.		
Attorney Docket Number		RSW85612US		

13	20050246032	2005-11-03	BOKROS, et al.	
14	20060020346	2006-01-26	HUNTER, et al.	
15	20060051544	2006-03-09	GOLDMANN, Helmut	
16	20060058882	2006-03-16	HAINES, Timothy G.	
17	20060079953	2006-04-13	GREGORICH, et al.	
18	20060093729	2006-05-04	MARX, et al.	
19	20060161256	2006-07-20	ZIEGLER, et al.	
20	20070077267	2007-04-05	MOLZ, IV, et al.	
21	20070093911	2007-04-26	FRICKE, et al.	
22	20080046091	2008-02-21	WEISS, et al.	
23	20080050699	2008-02-28	ZHANG, et al.	

Application Number		10527921	
Filing Date		2005-09-30	
First Named Inventor	Gunte	er Ziegler	
Art Unit		2876	
Examiner Name ELLIS		S, Suezu Y.	
Attorney Docket Number		RSW85612US	

If you wisl	If you wish to add additional U.S. Published Application citation information please click the Add button. Add							
			FORE	IGN PAT	ENT DOCUM	IENTS	Remove	
Examiner Initial*	Cite No	Foreign Document Number <sup>3</sup>	Country Code <sup>2</sup> j	Kind Code <sup>4</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T5
	1	10243132A1	DE			Friedrich-Baur- Beteiligungs-GmbH		
	2	0222717A2	EP			The Institute for Applied Biotechnology		
	3	0222717A3	EP			The Institute for Applied Biotechnology		
	4	03770943.3	EP			Biocer-Entwicklungs- GmbH		
	5	0409810A2	EP			Ellem Bioteknkik AB		
	6	0409810A3	EP			Ellem Bioteknikk AB		
	7	0642362B1	EP			Axidental Oy		
	8	0926256B1	EP			Sumitomo Osaka Cement Co., Ltd.		
	9	9249981A	JP			Nisshin Steel Co. Ltd.		×

Application Number		10527921		
Filing Date		2005-09-30		
First Named Inventor	Gunte	er Ziegler		
Art Unit		2876		
Examiner Name ELLIS		S, Suezu Y.		
Attorney Docket Number		RSW85612US		

	10	1999056800A1	WO			Advanced Bio Surfaces, Inc.				
	11	2004026346A2	WO			Friedrich-Baur-GmbH				
	12	2006058906A1	WO			Politecnico Di Torino				
	13	2007027794A1	WO			Zimmer Dental, Inc.				
If you wis	h to ac	dd additional Foreign P	atent Document	citation	information pl	ease click the Add buttor	1 Add			
			NON-PATE	NT LITE	RATURE DO	CUMENTS	Remove			
Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.								
	1	HEIDENAU F., et al., "Structured porous titania as a coating for implant materials," Key Engineering Materials, 192-195:87-90 (2001)								
	NABLO, Brian J. et al., "Sol – Gel derived nitric-oxide releasing materials that reduce bacterial adhesion," J. Am. Chem. Soc., 123:9712-9713 (2001)									
	3	PELTOLA T., et al., "Effect of aging time of sol on structure and in vitro calcium phosphate formation of sol-gel-derived titania films," J Biomed Mater Res, 51:20-208 (2000)								
	4	SCHENK-MEUSER K., o Surface and Interface Ar			-gel-generated n	nixed-oxide layers for biome	edical application,"			
	TSENG. I-Hsiang et al., "Photoreduction of CO2 using sol-gel derived titania and titiana-supported copper catalysts," Applied Catalysis B: Environmental, 37:37-48 (2002)						s,"			
If you wis	∟ h to ad	⊔ dd additional non-paten	t literature docur	nent cit	ation informati	on please click the Add b	outton Add			

( Not for submission under 37 CFR 1.99)

Application Number		10527921
Filing Date		2005-09-30
First Named Inventor Gunte		er Ziegler
Art Unit		2876
Examiner Name ELLIS		S, Suezu Y.
Attorney Docket Number		RSW85612US

EXAMINER SIGNATURE								
Examiner Signature	/Carlos Azpuru/	Date Consid	dered	06/03/2009				

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> See Kind Codes of USPTO Patent Documents at <a href="www.USPTO.GOV">www.USPTO.GOV</a> or MPEP 901.04. <sup>2</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>5</sup> Applicant is to place a check mark here if English language translation is attached.